

## **STIC Biotechnology Systems Branch**

### **CRF Problem Report**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):**

Application Serial Number: 10/568,414  
Filing Date: 2/14/06  
Date Processed by STIC: 3/14/07

STIC Contact: **Mark Spencer: Telephone: 571-272-2510; Fax: 571-273-0221**

#### **Nature of CRF Problem:**

- (circle one) Damaged or Unreadable (for Unreadable, see attached)
- Blank (no files on CRF) (see attached)
- Empty file (filename present, but no bytes in file) (see attached)
- Wrong file saved to CRF (invention title, docket number, or applicant(s) do not match those in official application) (see attached)
- Not saved in ASCII text
- Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should **only** be the Sequence Listing.
- Did not contain a Sequence Listing. (see attached sample)
- Other:

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**PLEASE USE THE CHECKER VERSION 4.3.1 PROGRAM TO REDUCE ERRORS.  
SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 08/30/05

10/568,414 (Sample OF Submitted file)

SEQUENCE LISTING

LOCUS AY792511 7584 bp mRNA linear PRI 15-NOV-2004  
DEFINITION Homo sapiens leucine-rich repeat kinase 2 (LRRK2) mRNA, complete  
cds.  
ACCESSION AY792511  
VERSION AY792511.1 GI:55740397  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
REFERENCE 1 (bases 1 to 7584)  
AUTHORS Zimprich,A., Biskup,S., Leitner,P., Lichtner,P., Farrer,M.,  
Lincoln,S., Kachergus,J., Hulihan,M., Uitti,R.J., Calne,D.B.,  
Stoessl,J., Pfeiffer,R.F., Patenge,N., Carballo,I., Vieregge,P.,  
Asmus,F., Mueller-Myhsok,B., Meitinger,T., Strom,T.M., Wszolek,Z.  
and Gasser,T.  
TITLE Mutations in LRRK2 Cause Autosomal-Dominant Parkinsonism with  
Pleomorphic Pathology  
JOURNAL Neuron 44 (4), 601-607 (2004)  
PUBMED 15541309  
REFERENCE 2 (bases 1 to 7584)  
AUTHORS Zimprich,A., Biskup,S. and Strom,T.M.  
TITLE Direct Submission  
JOURNAL Submitted (22-OCT-2004) Institute of Human Genetics, Technical  
University and GSF Research Center, Ingolstaedter Landstr. 1,  
Muenchen/Neuherberg 85764, Germany  
FEATURES Location/Qualifiers  
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See Sample Sequence listing on  
next page.

# Sample Sequence Listing

①

<110> Smith, John; Smithgene Inc.

<120> Example of a Sequence Listing

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<140> PCT/EP98/00001

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<150> US 08/999,999

<151> 1997-10-15

<160> 4

<170> PatentIn version 2.0

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<211> 389

<212> DNA

<213> Paramecium sp.

<220>

<221> CDS

<222> (279)...(389)

<300>

<301> Doe, Richard

<302> Isolation and Characterization of a Gene Encoding a  
Protease from Paramecium sp.

<303> Journal of Genes

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<307> 1988-06-31

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2

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&lt;211&gt; 37

&lt;212&gt; PRT

&lt;213&gt; Paramecium sp.

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Phe Val Cys Leu Phe Gln Cys Pro Lys Val Leu Pro Cys His Ser Ser 20 25 30

Leu Gln Pro Asn Leu 35

&lt;210&gt; 3

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Designed peptide based on size and polarity to act as a linker between the alpha and beta chains of Protein XYZ.

&lt;400&gt; 3

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000